



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215708A
Lot Number: SAMPLE
Product Name: Phloridzin dihydrate
CAS Number: 7061-54-3
Molecular Formula: $C_{21}H_{24}O_{10} \cdot 2H_2O$
Molecular Weight: 472.44

Test	Specification	Result
Appearance	Faint yellow to yellow to beige and faint brown to light brown and faint orange to orange and faint yellow-orange to yellow-orange powder	Faint brown-orange powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Specific Rotation ($\alpha_{20/D}$)	-55 - -49°(c = 3, ethanol)	-52°
Carbon Content	52.2 - 54.6%	52.9%
Water Content (KF)	≤ 8.5%	7.8%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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